

# JOINT TEST & EVALUATION

## Joint Integration and Interoperability of Special Operations (JIISO)

### SUMMARY

- JIISO is a three-year test currently in its first year of execution. It is located at MacDill AFB, Florida. The military lead is USSOCOM.
- Planning is for three field tests (JTJFEX-series) supported by three risk-reduction periods.
- During FY04, JIISO observed JTJFEX 04-2 as a risk-reduction event.
- In addition, JIISO held its first General Officer Steering Committee (GOSC) meeting, co-chaired by the Deputy Commanders of USSOCOM and USJFCOM, in Tampa, Florida.
- The GOSC provided guidance to revise the JIISO strategy to significantly accelerate product delivery to the warfighter.
- Accelerated products include delivery of a Special Operations Forces (SOF) and Conventional Forces (CF) Liaison and Coordination Handbook as a “quick-turn” product within six months, incorporating operationally proven ad hoc tactics, techniques, and procedures (TTPs) solutions that are widely accepted, but that have not yet been codified.
- In addition, incorporate enhancements to five specific TTPs in the first field test, enabling delivery of tested and evaluated enhancements to the warfighters shortly after the first field test.

### TEST DESCRIPTION AND MISSION

The Joint Integration and Interoperability of Special Operations (JIISO) Joint Test and Evaluation (JT&E) was chartered in March 2004 to employ multi-Service and other Department of Defense (DoD) agency support, personnel, and equipment to investigate, evaluate, and make recommendations to improve the operational effectiveness of joint integration and interoperability of SOF and CF. Specifically, JIISO will test and evaluate the integration and interoperability of SOF and CF during the planning and execution of maneuver and fire support coordination during tactical operations.

USSOCOM is the lead Service for JIISO with USJFCOM as co-sponsor. JIISO is developing and enhancing TTPs; improving the supporting system-of-systems; and proposing, when appropriate, changes to doctrine, organization, training, materiel, leadership and education, and personnel, and facilities (DOTMLPF) that improve SOF and CF integration and interoperability during the planning and execution of maneuver and fire support coordination.

### TEST AND EVALUATION ACTIVITY



During the first half of FY04, JIISO transitioned from a Joint Feasibility Study into a fully chartered JT&E project. JIISO conducted an operational workshop to add definition to the JIISO scope; held a JIISO Joint Warfighter Advisory Group conference to afford the Services and joint warfighters the opportunity to validate the proposed JIISO scope, test articles, and test venues and demonstrated JIISO technical feasibility and executability to the OSD JT&E Technical Advisory Board.

Following charter, JIISO began aggressively posturing for a successful three-year test by obtaining approval of the JIISO Program Test Plan and beginning execution of the plan. JIISO held a combined technical and operational symposium to validate the proposed objectives for the first risk-reduction laboratory event; vet TTP enhancements proposed for

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inclusion in the first field test; vet the proposed contents of the JIISO quick-turn product (SOF and CF Liaison and Coordination Handbook).

## TEST AND EVALUATION ASSESSMENT

JIISO emphasizes enhancements to maneuver and fire support coordination TTPs rather than the supporting tools and technology. While SOF and CF operations were previously deconflicted more through time and space separation than through a concerted effort to integrate operations, the JIISO intent is to move from a focus on deconfliction to a synergistic state of leveraging SOF and CF in current and future military operations.

Planned test deliverables include transformation change packages with DOTMLPF recommendations (including TTPs, training and education drivers, and materiel recommendations), validated TTP training packages, and “as-is” and “to-be” joint integrated operational processes and system views.

The JIISO test concept is based on three field tests over the course of the three-year test, each supported by a series of risk-reduction activities. Risk-reduction activities may include field observations, research, workshops, surveys, interviews, and laboratories. Laboratories will be used to validate data collection tools and processes, proof and refine proposed enhancements, and train operators on proposed enhancements before implementation in an exercise environment. JIISO will leverage scheduled joint exercises for field tests, with Joint National Training Capability exercises affording the best opportunity for testing based on force participation and receptiveness to including JT&E exercise objectives.

In keeping with JIISO GOSC guidance, the first JIISO test event will include the test and evaluation of enhancements to five specific TTPs compared with empirical insights from recent events. The warfighters, represented by the Joint Warfighter Advisory Group and GOSC, will validate JIISO conclusions and recommendations and provide the reference point for comparison of test results. JIISO will balance the production of a quick-turn (no-test) product with the effort required for detailed test planning for a successful first field test. Risk-reduction activities and results of previous field tests will identify integration and interoperability deficiencies. Based on these deficiencies, JIISO will develop process and system enhancements to be tested during the final two test events. Quick look and test event reports, validated by the warfighters, will be produced after each of the three field tests.